

Authors

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IBM United Kingdom Laboratories Ltd., Hursley, England.

Mathematics (B.Sc., London University, 1952). He worked for ten years designing analog simulators, the last five of which included programming data reduction procedures on digital computers. After joining IBM, worked on design automation systems for three years before becoming concerned with formal language definition. He is currently studying the use of formal definitions of language in the testing of programs and compilers.

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Management Engineering (M.S., Newark College of Engineering, 1962). Before joining IBM in 1963, his work in systems planning and defense projects included two years at Bell Telephone Laboratories where he participated in the Titan missile project. For IBM, he has worked on utilities and FORTRAN programming support for the IBM 7040 and the FORTRAN library for System/360. Presently responsible for maintenance of developed FORTRAN products.

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Aeronautics and Military Science (University of Maryland, 1968). Prior to joining IBM, he was a systems analyst manager for the SAGE air defense system, NORAD combat operations center, and the U. S. Air Force space track system. He became an IBM systems analyst in 1966, working on projects for the National Military Command and Goddard real-time systems. Presently responsible for developing and implementing scheduling systems for the NASA Goddard Manned Space Flight Center.

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Mathematics (M.S., Tokyo University, 1946). He developed the University of Chicago Mathematical Function Library used for the IBM 7094 computer and later adapted it for the IBM 7040/44 and 7090/94 IJOB Library. He also developed and later improved the FORTRAN mathematical library for OS/360. Presently he is a senior mathematical analyst.